

03-20-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

03/19/01  
jc984 U.S. PTO

jc979 U.S. PTO  
09/812157  
03/19/01

Applicant(s): Eugene P. Marsh

Patent No.: 150.00930102

METHODS FOR PATTERNING METAL LAYERS FOR USE WITH FORMING SEMICONDUCTOR DEVICES (As Amended)

Assistant Commissioner for Patents  
ATTN: Box PATENT APPLICATION  
Washington, D.C. 20231

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

- ☒ Utility Patent Application: Specification (19 pgs); Claims (105 claims on 17 pgs); 1 pg Abstract.
- ☐ Application Data Sheet: \_\_\_ pgs.
- ☒ 7 Sheets of formal drawings.
- ☒ Copies of a signed Declaration (2 pgs.) and Election Under 37 C.F.R. §§3.71 and 3.73 and Power of Attorney (1 pg.), both as filed in prior application.
- ☒ A return postcard.
- ☐ An Assignment of the invention to \_\_\_ and Recordation Form Cover Sheet.
- ☐ A check in the amount of \$40.00 to cover the Assignment Recording Fee.
- ☐ A certified copy of a \_\_\_ application, Serial No. \_\_, filed \_\_\_\_, the right of priority of which is claimed under 35 U.S.C. §119.
- ☐ Computer readable form of "Sequence Listing." Applicants state that the paper copy form of the "Sequence Listing" section of the present application, and the computer readable form submitted herewith, are the same.
- ☒ Other: Request for Filing A Continuation Application Under Rule §1.53(b) (3 pgs.); Preliminary Amendment (7 pgs. total, including Appendix A (3 pgs.)).
- ☒ A check in the amount of \$1,454 to cover the filing fee, which is calculated below: -

APPLICATION FILING FEE					
	Number of Pending Claims (1)	Claims Included in Basic Filing Fee (2)	Number of Extra Claims (1-2)	Cost per Extra Claim	Fee Required
Total Claims	48	- 20 =	28	x \$18 =	\$504
Independent Claims	6	- 3 =	3	x \$80 =	\$240
One or More Multiple Dependent Claims Presented? If Yes, Enter \$270 Here →					0
Enter Basic Filing Fee (Utility Patent-\$710) Here →					\$710
Total Application Filing Fee					\$1,454

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

MUETING, RAASCH & GEBHARDT, P.A.  
Customer Number: 26813

By: Matthew W. Adams  
Name: Matthew W. Adams  
Reg. No.: 43,459  
Direct Dial: 612-305-1227  
Facsimile: 612-305-1228

CERTIFICATE UNDER 37 CFR §1.10:

"Express Mail" mailing label number: EL776900649US

Date of Deposit: March 19, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, ATTN: Box PATENT APPLICATION, Washington, D.C. 20231.

By: Louise M. Gaggisberg  
Name: Louise M. Gaggisberg  
(LARGE ENTITY TRANSMITTAL UNDER RULE 1.10)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket Number	Anticipated Classification		Prior Application	
150.00930102	Class	Subclass	Examiner K. Eaton	Art Unit 2823

**REQUEST FOR FILING A CONTINUATION APPLICATION**  
**UNDER RULE §1.53(b)**

Assistant Commissioner for Patents  
Attn: Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

This is a request for filing a continuation application under 37 CFR §1.53(b) of Serial No. 09/146,408, filed on September 3, 1998, entitled METHOD FOR PATTERNING PLATINUM AND STRUCTURES/METHODS USING SAME by the following inventor(s) (name, address, and citizenship):

**Eugene P. Marsh**  
**1722 Picabo Ct.**  
**Boise, Idaho 83716**  
**Citizenship: U.S.A.**

1. ☐ Enclosed is a copy of the specification (including claims, abstract, and drawings) as filed in the prior application.
2. ☒ Enclosed is a new specification (including claims and abstract). The entire disclosure of the prior application is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference.
3. ☒ Enclosed are copies of the Declaration and the Election Under 37 C.F.R. §§3.71 and 3.73 and Power of Attorney, both as filed in the prior application.
4. ☐ Enclosed is a newly executed Declaration and Power of Attorney.
5. ☒ Enclosed are formal drawings (7 sheets).
6. ☒ Cancel in this application claims 1-57 before calculating the filing fee. (At least one independent claim must be retained for filing purposes.)
7. ☒ A preliminary amendment is enclosed.

Filed: Herewith

Title: METHODS FOR PATTERNING METAL LAYERS FOR USE WITH FORMING SEMICONDUCTOR DEVICES (As Amended)

8. X The filing fee is calculated below:

CLAIMS AS FILED			
NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE \$710
Total Claims 48-20 =	28	\$18	\$504
Independent Claims 6-3 =	3	\$80	\$240
MULTIPLE DEPENDENT CLAIM PRESENTED		\$270	0
FILING FEE:			\$1,454

9. X A check in the amount of \$1,454 is attached.
10. X The Commissioner is hereby authorized to charge any additional fees as set forth in 37 CFR §1.16 to 1.18 which may be required by this paper or credit any overpayment to Account No. 13-4895.
11.    This application is being filed by less than all of the inventors named in the prior application. Please delete the names of the following inventor(s) who are not inventors of the invention claimed in the present application:
12. X Amend the specification by inserting as the first sentence on page 1, the following: -- This is a continuation of application Serial No. 09/146,408, filed September 3, 1998, (pending), which is incorporated herein by reference.--
13.    Priority of foreign application Serial No.   , filed on    in (country)    is claimed under 35 U.S.C. §119.
14. X The prior application is assigned of record to Micron Technology, Inc.
15. X The Power of Attorney in the prior application is to:

Matthew W. Adams  
Muetting, Raasch & Gebhardt, P.A.  
P.O. Box 581415  
Minneapolis, MN 55458-1415  
Customer Number 26813

Filed: Herewith

Title: METHODS FOR PATTERNING METAL LAYERS FOR USE WITH FORMING SEMICONDUCTOR DEVICES (As Amended)

**Address all future communications to:**

MUETING, RAASCH & GEBHARDT, P.A.  
P.O. Box 581415  
Minneapolis, Minnesota 55458-1415  
**Customer Number 26813**

Attn: Matthew W. Adams  
(Telephone: 612-305-1220)  
(Facsimile: 612-305-1228)

Date: March 19, 2001

Matthew W. Adams

Matthew W. Adams  
Reg. No. 43,459  
Direct Dial (612)305-1227

"Express Mail" mailing label number EL776900649US

Date of Deposit March 19, 2001

I hereby certify that this paper and/or fee is/are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Attn: Box PATENT APPLICATION, Washington, D. C. 20231.

Name: Louise M. Guggisberg